



## SEQUENCE LISTING

&lt;110&gt; Jey, James P.

Hooper, John D.

Testa, Jacqueline E.

The Scripps Research Institute

&lt;120&gt; Methods for Diagnosing Cancer and Decreasing Metastasis by Cancer Cells

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&lt;140&gt; 10/781,564

&lt;141&gt; 2004-02-18

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&lt;160&gt; 10

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 836

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;400&gt; 1

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Pro	Thr	Leu	Leu	Ala	Lys	Pro	Cys	Tyr	Ile	Val	Ile	Ser	Lys	Arg	His
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Ile	Thr	Met	Leu	Ser	Ile	Lys	Ser	Gly	Glu	Arg	Ile	Val	Phe	Thr	Phe
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Ser	Cys	Gln	Ser	Pro	Glu	Asn	His	Phe	Val	Ile	Glu	Ile	Gln	Lys	Asn
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Pro	Ser	Thr	Ser	Leu	Leu	Pro	Thr	Leu	Asn	Arg	Thr	Phe	Ile	Trp	Asp
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Val	Lys	Ala	His	Lys	Ser	Ile	Gly	Leu	Glu	Leu	Gln	Phe	Ser	Ile	Pro
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His	Ser	Ile	Ser	Gly	Arg	Ile	Asp	Ala	Thr	Val	Val	Arg	Ile	Gly	Thr
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Phe	Cys	Ser	Asn	Gly	Thr	Val	Ser	Arg	Ile	Lys	Met	Gln	Glu	Gly	Val
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Lys	Met	Ala	Leu	His	Leu	Pro	Trp	Phe	His	Pro	Arg	Asn	Val	Ser	Gly
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Pro	Glu	Gly	Phe	Pro	Glu	Asp	Glu	Leu	Met	Thr	Trp	Gln	Phe	Val	Val
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Pro	Ala	His	Leu	Arg	Ala	Ser	Val	Ser	Phe	Leu	Asn	Phe	Asn	Leu	Ser
			260					265					270		

Asn	Cys	Glu	Arg	Lys	Glu	Glu	Arg	Val	Glu	Tyr	Tyr	Ile	Pro	Gly	Ser	275	280	285
Thr	Thr	Asn	Pro	Glu	Val	Phe	Lys	Leu	Glu	Asp	Lys	Gln	Pro	Gly	Asn	290	295	300
Met	Ala	Gly	Asn	Phe	Asn	Leu	Ser	Leu	Gln	Gly	Cys	Asp	Gln	Asp	Ala	305	310	315
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Pro	Gln	Asn	Glu	Ser	Asn	Lys	Ile	Tyr	Val	Val	Asp	Leu	Ser	Asn	Glu	340	345	350
Arg	Ala	Met	Ser	Leu	Thr	Ile	Glu	Pro	Arg	Pro	Val	Lys	Gln	Ser	Arg	355	360	365
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Ser	Asn	Leu	Thr	Leu	Thr	Ser	Gly	Ser	Lys	His	Lys	Ile	Ser	Phe	Leu	385	390	395
Cys	Asp	Asp	Leu	Thr	Arg	Leu	Trp	Met	Asn	Val	Glu	Lys	Thr	Ile	Ser	405	410	415
Cys	Thr	Asp	His	Arg	Tyr	Cys	Gln	Arg	Lys	Ser	Tyr	Ser	Leu	Gln	Val	420	425	430
Pro	Ser	Asp	Ile	Leu	His	Leu	Pro	Val	Glu	Leu	His	Asp	Phe	Ser	Trp	435	440	445
Lys	Leu	Leu	Val	Pro	Lys	Asp	Arg	Leu	Ser	Leu	Val	Leu	Val	Pro	Ala	450	455	460
Gln	Lys	Leu	Gln	Gln	His	Thr	His	Glu	Lys	Pro	Cys	Asn	Thr	Ser	Phe	465	470	475
Ser	Tyr	Leu	Val	Ala	Ser	Ala	Ile	Pro	Ser	Gln	Asp	Leu	Tyr	Phe	Gly	485	490	495
Ser	Phe	Cys	Pro	Gly	Gly	Ser	Ile	Lys	Gln	Ile	Gln	Val	Lys	Gln	Asn	500	505	510
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Gly	Val	Phe	Thr	Val	Thr	Pro	Asp	Thr	Lys	Ser	Lys	Val	Tyr	Leu	Arg	545	550	555
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Gln	Glu	Gln	Arg	Thr	Arg	Ala	Glu	Glu	Ile	Phe	Ser	Leu	Asp	Glu	Asp	610	615	620
Val	Leu	Pro	Lys	Pro	Ser	Phe	His	His	His	Ser	Phe	Trp	Val	Asn	Ile	625	630	635
Ser	Asn	Cys	Ser	Pro	Thr	Ser	Gly	Lys	Gln	Leu	Asp	Leu	Leu	Phe	Ser	645	650	655
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Ala	Val	Gly	Gly	Gly	Val	Leu	Leu	Leu	Ser	Ala	Leu	Gly	Leu	Ile	Ile	675	680	685
Cys	Cys	Val	Lys	Lys	Lys	Lys	Lys	Lys	Thr	Asn	Lys	Gly	Pro	Ala	Val	690	695	700
Gly	Ile	Tyr	Asn	Asp	Asn	Ile	Asn	Thr	Glu	Met	Pro	Arg	Gln	Pro	Lys	705	710	715
Lys	Phe	Gln	Lys	Gly	Arg	Lys	Asp	Asn	Asp	Ser	His	Val	Tyr	Ala	Val	725	730	735
Ile	Glu	Asp	Thr	Met	Val	Tyr	Gly	His	Leu	Leu	Gln	Asp	Ser	Ser	Gly	740	745	750
Ser	Phe	Leu	Gln	Pro	Glu	Val	Asp	Thr	Tyr	Arg	Pro	Phe	Gln	Gly	Thr	755	760	765

Met Gly Val Cys Pro Pro Ser Pro Pro Thr Ile Cys Ser Arg Ala Pro  
770 775 780  
Thr Ala Lys Leu Ala Thr Glu Glu Pro Pro Pro Arg Ser Pro Pro Glu  
785 790 795 800  
Ser Glu Ser Glu Pro Tyr Thr Phe Ser His Pro Asn Asn Gly Asp Val  
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